

**Notice of Allowability**

Application No.

09/852,008

Examiner

DEBBIE M. LE

Applicant(s)

GIRKAR ET AL.

Art Unit

2168

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 7/9/07.
2. ☒ The allowed claim(s) is/are 2-6, 8, 10-11, 16-21 (now renumbered as 1-13).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |                                                                                                            |                                                                                                             |
|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)                                           | 5. <input type="checkbox"/> Notice of Informal Patent Application                                           |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date <u>10/3/07</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                                         |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance                                   |
|                                                                                                            | 9. <input type="checkbox"/> Other _____                                                                     |

### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Siddhesh V. Pandit on October 3, 2007.

The application has been amended as follows:

In claim 2, line 1, delete 4 , insert 11

In claim 3, line 1, delete 2 , insert 2

In claim 5, line 1, delete 4 , insert 11

In claim 6, line 1, delete 4 , insert 11

In claim 8, line 1, delete 4, insert 11

In claim 16, line 8, after the term "corresponding bound" , **insert ;**  
storing a counter indicating a number of the transactions in the queue;  
storing a predetermined bound of transactions;  
executing a log writer process to:  
record the transaction in a redo log,  
compare the counter and the predetermined bound,

if the counter is not less than the predetermined bound, then block a  
commit of the transaction until the counter is less than the  
predetermined bound, and  
if the counter is less than the predetermined bound, then increment the  
counter and acknowledge the commit of the transaction; and  
executing a net server process to:  
transmit the transaction over a network connection to the standby  
database system, receive an acknowledgment that a redo record for the  
transaction has been written to a standby log at the standby database  
system, and  
in response to the acknowledgment, remove the transaction from the  
queue and decrement the counter .

17. (new) The method according to claim 16, wherein the step of synchronizing  
includes the step of blocking a commit of the transaction until the number of  
transactions in the buffers is in a predetermined numerical relationship with the  
predetermined number of transactions.

18. (new) The method according to claim 16, wherein  
\_\_\_\_\_ said blocking the commit the transaction until the number of transactions  
in the buffer is in the predetermined numerical relationship with the predetermined  
number of transaction including blocking the commit of the transaction until the number  
of transactions in the buffer is less than the predetermined number of transactions.

19. (new) The method according to claim 16, wherein the log writer process performs the step of synchronizing.

20. (new) The method according to claim 16, wherein a database application process performs the step of synchronizing before submitting the transaction to the log writer process.

20. (new) The method according to claim 16, further comprising the steps of: receiving input from an operator indicating a transaction loss bound; and setting the predetermined number of transactions based on the transaction loss bound.

21. (new) A computer-readable medium bearing instructions for causing one or more processors to perform the steps of the method according to claim 16.

**Cancel claim 4**

**Cancel claim 7**

**Cancel claim 9**

**Cancel claim 12**

**Cancel claim 13**

**Cancel claim 14**

**Cancel claim 15**

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DEBBIE M. LE whose telephone number is (571) 272-4111. The examiner can normally be reached on 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tim Vo can be reached on (571) 272-3642. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

*Debbie M. Le*  
DEBBIE LE  
PRIMARY EXAMINER

*10/12/07*